

Reaction of benzoyl and trichloroacetyl isocyanates with cyclic enamines

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Abstract

Benzoyl isocyanate reacts with morpholinocyclohexene, morpholinocyclopentene, piperidinocyclohexene, and piperidinocyclopentene on the type of 1,4-cycloaddition, with the formation of 1,3-oxazin-4-one derivatives, while trichloroacetyl isocyanate reacts on the type of 1,2-cycloaddition, with the formation of 2-azetidinone derivatives, and only with morpholinocyclopentene does it react on the type of 1,4-cycloaddition. © 1973 Consultants Bureau.

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